

# Substance Details Report

June 1, 2009

## Core Metadata

<b>Substance Type</b>	Chemical Substance	<b>Internal Tracking Number</b>	649954
<b>EPA Registry Name</b>		<b>Substance Status</b>	Approved
<b>EPA Registry Name List</b>			
<b>Systematic Name</b>	Cadmium compounds		
<b>Systematic Name List</b>	Environmental Protection Agency Data Systems		
<b>Preferred Acronym</b>			
<b>CAS Number</b>			
<b>EPA Identification Number</b>	E649954		
<b>TSN Number</b>			
<b>Kingdom</b>			
<b>ICTVDB</b>			
<b>Molecular Formula</b>			
<b>Molecular Weight</b>			
<b>Comment/Description</b>	E649954 has replaced E649459.		
<b>Definition</b>	Includes any unique chemical substance that contains cadmium as part of the infrastructure of that chemical.		

## Classifications

### Associated Identifiers

There is no information about former or incorrectly used identifiers.

## Structure

There is no structure Information for this substance.

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## Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

### Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
CAA112(b) HAP	Cadmium compounds	Valid		
CERCLA	Cadmium compounds	Valid		
TRI	Cadmium compounds	Valid	01/01/1987	

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
AFS	Cadmium compounds	Valid		
CERCLIS3	Cadmium compounds	Valid		
NEI	Cadmium compounds	Valid		
TRIS	Cadmium compounds	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
IARC	Cadmium compounds	Valid		

### Ad Hoc List

There are no Synonyms of this type.

### EPA Synonyms

There are no Synonyms of this type.

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## Components

### Substance Components

List Name  
Group Type  
Definition  
Comment/Description

NEI

Systematic Name	Synonym	List Acronym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Cadmium	Cadmium	NEI	7440-43-9				
Cadmium iodide (CdI <sub>2</sub> )	Cadmium iodide (CdI <sub>2</sub> )	NEI	7790-80-9				
Nitric acid, cadmium salt	Nitric acid, cadmium salt	NEI	10325-94-7				
Sulfuric acid, cadmium salt (1:1)	Sulfuric acid, cadmium salt (1:1)	NEI	10124-36-4				
Cadmium chloride (CdCl <sub>2</sub> )	Cadmium chloride (CdCl <sub>2</sub> )	NEI	10108-64-2				
Cadmium sulfide (CdS)	Cadmium sulfide (CdS)	NEI	1306-23-6				
Cadmium oxide (CdO)	Cadmium oxide (CdO)	NEI	1306-19-0				

## Related References

<http://www.epa.gov/ttn/atw/hlthef/cadmium.html>

<http://www-cie.iarc.fr/htdocs/indexes/vol58index.html>